

**Application No. 10/629,117**  
**Second Supplemental Preliminary Amendment**

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**REMARKS**

With entry of this amendment, Claims 1, 3-5 and 11 are pending. No new matter has been added.

**Declaration under 37 C.F.R. §1.132**

Please substitute the attached Declaration for the Declaration filed October 29, 2003 and dated October 17, 2003. Due to a difference in computer programs, “ $\mu$ ” was inadvertently changed to “ $\gamma$ ” when the Declaration was printed in Japan. Additionally, there was an error in the formula for cytotoxicity on page 2 of the Declaration, though the results remain the same and the formula is shown correctly on page 3.

As described in the attached Declaration dated January 14, 2004 and the previous Declaration dated October 17, 2003, the inventors preformed cytotoxicity studies comparing glycyrrhizin, glycyrrhetic acid mono glucuronide and glycyrrhetic acid. The minimum cytotoxic concentration of glycyrrhizin was determined to be approximately 2,000 mg/ml, whereas the minimum cytotoxic concentration of glycyrrhetic acid mono glucuronide was determined to be 250 mg/ml. These results suggest that for bovine mammary epithelial cells, glycyrrhetic acid mono glucuronide is 8 fold more toxic than glycyrrhizin. The data supplied by the Declaration of the inventors submitted in the parent application, and re-submitted herewith for convenience, indicates that glycyrrhetic acid is twenty times more toxic to cow mammae cells than glycyrrhizin. Glycyrrhetic acid or its derivatives such as glycyrrhetic acid mono glucuronide would therefore not be suitable for use in the present invention.

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No new matter has been added by these remarks. In light of the remarks, Applicants are of the opinion that the application is now in condition for allowance. Such action is respectfully requested. If the Examiner believes any informalities remain in the application which may be corrected by Examiner's Amendment, or there are any other issues which can be resolved by telephone interview, a telephone call to the undersigned attorney at (404) 815-6500 is respectfully solicited.

Respectfully submitted,

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